Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

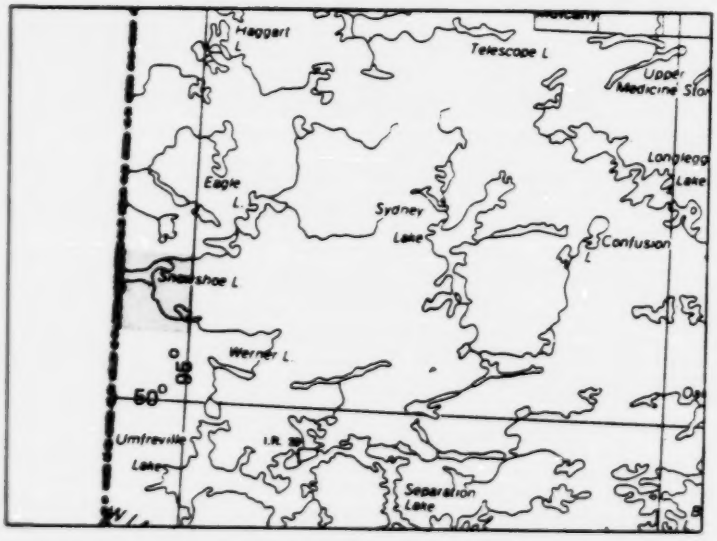
GEOLOGICAL DATA INVENTORY FOLIO

**GDIF 393**

# SNOWSHOE LAKE AREA

**DISTRICT OF KENORA**

**Compiled by the Staff of**
**the Resident Geologist's Office**
**Kenora**




LOCATION MAP Scale: 1:1 013 760 or 1 inch to 16 miles

87-06512/

umber 52L/11 SE

Mining Claim Map Number Snowshoe Lake Area, G - 2646, (M - 2443)
This project was funded under the Canada Ontario Mineral Development Agreement (COMDA).

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1987: Snowshoe Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio393 ; compiled by the staff of the Resident Geologist's Office, Kenora, 16 pages and 2 maps.

Original Compilation by: S. E. Reid

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

Snowshoe Lake Area

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## ACCOMPANYING MAPS

Property Location Map - 1 map
Exploration Data Map - 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | | **LENGTH** | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | **1.609 344** | km |
| | | | **AREA** | | |
| 1 $cm^2$ | 0.155 0 | square inches | 1 square inch | **6.451 6** | $cm^2$ |
| 1 $m^2$ | 10.763 9 | square feet | 1 square foot | **0.092 903 04** | $m^2$ |
| 1 $km^2$ | 0.386 10 | square miles | 1 square mile | 2.589 988 | $km^2$ |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | | **VOLUME** | | |
| 1 $cm^3$ | 0.061 02 | cubic inches | 1 cubic inch | **16.387 064** | $cm^3$ |
| 1 $m^3$ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | $m^3$ |
| 1 $m^3$ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | $m^3$ |
| | | | **CAPACITY** | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | | **MASS** | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | **31.103 476 8** | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | **0.453 592 37** | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | **907.184 74** | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | **0.907 184 74** | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | **1016.046 908 8** | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | **1.016 046 908 8** | t |
| | | | **CONCENTRATION** | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | YES | SR FEB/87 |
| 2 | Assessment Files Research Office, Toronto | | |
| 3 | ODM General Index; 9 volumes | YES | SR FEB/87 |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | | |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | YES | SR FEB/87 |
| 6 | ODM Industrial Mineral Reports | NO | SR FEB/87 |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | NO | SR FEB/87 |
| 8 | Bibliography of Precambrian Theses - Ginn (ODM MP 2) | YES | SR FEB/87 |
| 9 | Newspaper Clippings File | | |
| 10 | GSC Index to Publications | | |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | YES | SR FEB/87 |
| 12 | OGS Index Maps | | |
| 13 | Source Mineral Deposit Records (O.G.S.)/MDIR's(O.G.S.)/NMI's(E.M.R.) | YES | SR FEB/87 |
| 14 | Author - Subject Articles File | | |
| 15 | Miscellaneous Papers: ODM & OGS | YES | SR FEB/87 |
| 16 | ODM Geological Circulars: OGS Study Series | | |
| 17 | ODM Preliminary Reports: ODM Bulletins | YES | SR FEB/87 |
| 18 | ODM – OGS Open File Reports | NO | SR FEB/87 |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | NO | SR FEB/87 |
| 20 | OGS Aggregate Resources Inventory Papers | NO | SR FEB/87 |
| 21 | OGS Mineral Potential Maps | YES | SR FEB/87 |
| 22 | Theses on File, Kenora | YES | SR FEB/87 |
| 23 | Aerial Photos on File, Kenora | YES | SR FEB/87 |
| 24 | Topographic Maps on File, Kenora | | |
| | OBM Maps (1:20,000) | NO | SR FEB/87 |
| | NTS Maps (1:50,000) | YES | SR FEB/87 |

# METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt . . . . . .Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- △ gf . . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- ▲ mo . . . . . .Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . .Sodalite
- △ spec . . . . . .Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- ▲ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . Zircon
- ▲ radioactive Grd. . . . . radioactive grandiorite

**Solid triangles indicate metal and mineral occurrences shown on the accompanying maps**

or mentioned within either Drillhole Summary or Mineral Occurrences.

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| A. | Halladay, L. B. Occurrence (Snowshoe Lake) | U, Th | SMDR 001129<br>MDIR KP0224 | | O.D.M. Map 2097 |
| B. | Halladay, L. B. Occurrence | U, Th | | | O.G.S. Map 2427 |

GDIF FORM NO. 1

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KENORA<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 1. | Anglo - Barrington Mines Ltd.<br>52L/11 SE; A - 1 | | | | | | | | | | | 57 | 57 | | | 57 | | | | |
| 2. | Anglo - Barrington Mines Ltd.<br>52L/6 NE; C - 2 | | | | | | | | 55[1] | 55 | 55[2] | | | | | | | | | |
| 3. | Dominion Exploration Syndicate<br>52L/11 SE; B - 1 | | | | | | | | 67 | | | | | | | | | | | |
| 4. | Halladay, L.<br>52L/11 SE; C - 1 | | | | 69 | | | | | | | | | | | | | | | |
| 5. | Syme, J.<br>52L/11 SE; D - 1 | | | | 69 | | | | | | | | | | | | | | | |
| 6. | Wahl, W. G. Ltd.<br>52L/11 SE; F - 1<br>52L/10 SW; B - 1 | 78 | | | | | | | | | | | | 78 | | | | | | |

[1] Airborne Magnetic Map not available

[2] No interpretation available. No information plotted on Exploration Data Map

GDIF FORM NO. 2

# DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole (ft.) | Mineralization Noted in Log (ft.) | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Halladay, L.B. | 18R-1-1 | July/69 | 180° | -45° | 1.5 | 55.0 | py, radioactive Grd | |
| 2. | Halladay, L.B. | 18R-1-2 | July/69 | 180° | -45° | 0 | 50.0 | py, mo, radio-active Grd. | |
| 3. | Halladay, L.B. | 18R-1-3 | July/69 | 0° | -45° | 0 | 48.0 | py, mo, radio-active Grd. | |
| 4. | Halladay, L.B. | 18R-1-4 | July/69 | 0° | -45° | 0 | 50.0 | radioactive Grd | |
| 5. | Halladay, L.B. | 18R-1-5 | July/69 | 0° | -45° | 1.5 | 51.0 | radioactive Grd. | |
| 6. | Halladay, L.B. | 18R-1-6 | July/69 | 0° | -45° | 0 | 50.0 | radioactive Grd | |
| 7. | Syme, J. | H-1 | June/69 | 5° | -55° | 0 | 130.0 | none | |
| 8. | Syme, J. | H-2 | July/69 | 355° | -55° | 0 | 313.0 | none | |

GDIF FORM NO. 3

# AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| 2. | By: Lundberg Exploration Ltd.<br>For: Anglo Barrington Mines Ltd.<br>52L/6 NE; C-2 | Magnetic[1], Electromagnetic, Radometric | ? | N/S | 660 ft. |
| 3. | By: Dawson, A.S.<br>For: Dominion Exploration Syndicate<br>52L/11 SE; B-1 | Magnetic | 500 ft. | N/S | 660 ft. |

[1]Airborne Magnetic Map not available

GDIF FORM NO. 4

| Map Sample Site Reference Number | GEOCHEMICAL SURVEY DATA | | By | Reference |
|---|---|---|---|---|
| | Type of Survey | Analysis For | | |
| | No data on file as of February 17, 1987 | | | |

GDIF FORM NO. 5

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| | | | | |

No age dating on file as of February 17, 1987

GDIF FORM NO. 6

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

KENORA

No newspaper clippings on file as of February 17, 1987

# ODM GENERAL INDEX SEARCH

**Words searched:** Alga Lake, Anglo - Barrington Mines, Chase Lake, Dominion Exploration Syndicate, Halladay, L. B., Midway Lake, Narraway Lake, Oiseau River, Snowshoe Lake, Syme, J., Wahl, W. G.

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| II | Alga Lake, South of Wingiskus Lake, Pat. | | | |
| | Glacial striae | 32 | 2 | 24 |
| | Rocks | 32 | 2 | 24 |
| | Oiseau River, Winnipeg River, Manitoba | | | |
| | Altitude at boundary | 32 | 2 | 6 |
| | Boulder cone, photo | 32 | 2 | 27 |
| | Clay | 32 | 2 | 37 |
| | Copper | 32 | 2 | 19,20 |
| | Course | 32 | 2 | 3,5 |
| | Flora | 32 | 2 | 38-41 |
| | Glaciation | 32 | 2 | 6 |
| | Length | 32 | 2 | 34 |
| | Photo | 32 | 2 | 34 |
| | Rocks | 32 | 2 | 9,12 |
| | Sand plain | 32 | 2 | 23 |
| | Syncline | 32 | 2 | 9 |
| | Waterpower | 32 | 2 | 31-34 |
| | Snowshoe Lake, Oiseau River, Kenora | | | |
| | Brule | 32 | 2 | 40 |
| | Glacial striae | 32 | 2 | 24 |
| | Muskeg | 32 | 2 | 37 |
| | Rocks | 32 | 2 | 12-14 |
| | Meteorological data | 32 | 2 | 46,47 |
| | Sand plain | 32 | 2 | 23 |
| | Waterpower | 32 | 2 | 33 |
| III | Chase Lake, Oiseau River | | | |
| | Rocks | 36 | 3 | 77 |
| | Snowshoe Lake | | | |
| | Access | 36 | 3 | 74 |
| | Rocks | 36 | 3 | 81 |
| VII | Alga Lake | | | |
| | Bee Lake area, Kenora Patricia District | GR47 | | 20 |
| | Chase Lake | | | |
| | Bee Lake area, Kenora Patricia District | GR47 | | 6-25 |
| VII | Dominion Exploration Syndicate | | | |
| | Werner Lake area, Kenora Patricia District | MP16 | | 11 |
| | Midway Lake | | | |
| | Bee Lake area, Kenora Patricia District | GR47 | | 4,10,12, 13,14, 20,21 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| VII | Oiseau River<br>Bee Lake area, Kenora, Patricia District | GR47 | | 18,20 |
| VIII | Chase Lake<br>Bee Lake area, Kenora, Patricia District | MP72 | | 33,35,36 |

# SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | REGIONAL COMPILATION MAPS | | |
| Ferguson, S.A., Brown, D.D., Davies, J.D., Pryslak, A.P. | 1968 | Red Lake - Birch Lake Sheet, Kenora District. | O.D.M. Map 2175 | 1" to 4 miles (1:253,440) |
| Robertson, J.A. | 1982 | Uranium and Thorium Deposits of Ontario, West Central Sheet, Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane Districts. | O.G.S. Map P. 2427 | 1:1,013,760 (1" to 16 miles) |
| | | GEOPHYSICAL MAPS | | |
| GEO - ANALYSIS LTD. | 1981 | The Identification of Structural Linears from Landsat Imagery in Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada. | OF 82-12 (Image 3125, Map 1) | 1:250,000 |
| MDMNR - ODM - GSC | 1965 | Flintstone Lake, Manitoba - Ontario, Sheet 52L/11. Aeromagnetic Series. | Geophysics Paper 4047 | 1" to 1 mile (1:63,360) |
| OGS - GSC | 1977 | Airborne Gamma - Ray Spectrometry, Point Du Bois Sheet, Patricia - Kenora. Geophysical Series. | Preliminary Maps P. 1320 to P. 1354 | 1" to 4 miles (1:253,440) |
| GSC | 1984 | Airborne Gamma Ray Spectrometric Maps, Lake of the Woods, Manitoba - Ontario (36252G). | GSC Open File 1067 | 1:1,000,000 |
| | | SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING | | |
| Environment Canada | 1975 | Point Du Bois 52 - L. Soil Capability for Agriculture. Lands Directorate. | 52-L | 1:250,000 |
| Zoltai, S.C. | 1965 | Surficial Geology, Kenora - Rainy River Ontario Department of Lands and Forests. | Map S 165 | 1" to 8 miles (1:506,880) |

GDIF FORM NO.9

# SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | MINERAL POTENTIAL MAPS | | |
| Springer, J.S., Robertson, J.A., Vos, M.A. | 1981 | Mineral Potential Map of Ontario, West Central Sheet. Accompanied by one overlay | O.G.S. OFR 5326 | 1" to 16 miles (1:1,013,760) |
| Springer, J.S. | 1978 | Ontario Mineral Potential, Point Du Bois Sheet, District of Kenora (Patricia Portion). Mineral Deposits Series Compilation 1977, 1978. | O.G.S. Map P.1539 | 1:250,000 |
| | | GEOLOGY REPORTS AND MAPS | | |
| Breaks, F.W. | 1975 | Marginal Notes for Operation Kenora - Sydney Lake; Preliminary Maps, P. 1026 to P. 1031 | | 17 pages |
| Breaks, F.W., Bond, W.D., Stone, D. | 1978 | Preliminary Geological Synthesis of the English River Subprovince, Northwestern Ontario and Its Bearing Upon Mineral Exploration. Accompanied by Map 2097. | O.G.S. MP 72 | 1:253,440 (1" to 4 miles) |
| Breaks, F.W., Bond, W.D. McWilliams, G.H., Gower, G.F., Stone, D. | 1975 | Operation Kenora - Sydney Lake, Eagle - Sydney Lakes Sheet, District of Kenora | O.D.M. Preliminary Map P. 1026 | 1" to 1 mile (1:63,360) |
| Burwash, E.M. | 1921 | Geology of Ontario - Manitoba Boundary, Winnipeg River to Bloodvein River. Accompanied by Map 32A. | O.D.M. AR Vol. 32 pt. 2, p. 1-48 | 1" to 2 miles (1:126,760) |
| Carlson, H.D. | 1957 | Geology of the Werner Lake - Rex Lake Area. Accompanied by Map 1957 - 2. | O.D.M. AR Vol. 46 pt. 4, 30 pages | 1" to 1/2 mile (1:31,680) |
| Gilbert, G. | 1926 | Gammon River and Rickaby Lake Schist Belt, District of Kenora (Patricia Portion). Accompanied by Map 36F. | O.D.M. AR Vol. 36 pt. 3, p. 73-84 | 1" to 4 miles (1:253,440) |



GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| Shklanka, R. | 1967 | Geology of Bee Lake Area, District of Kenora, Accompanied by Map 2097. | O.D.M. GR 47, 42 pages | 1" to 1/2 mile (1:31,680) |
| Shklanka | 1964 | Bee Lake Area (West Part), District of Kenora (Patricia Portion), Ontario | O.D.M. Map P. 224 | 1" to 4 miles (1:253,440) |
| | | THESES | | |
| Pollock, Gerald, D. | 1960 | Age Determination of Granitic Rocks from Manitoba and Northwestern Ontario. By the Lead - Alpha Method; M.Sc. Thesis, University of Manitoba. | | 45 pages |
| Stone, Denver | 1981 | The Sydney Lake Fault Zone in Ontario and Manitoba, Canada; Ph.D. Thesis, University of Toronto | | 133 pages |

GDIF FORM NO.9

# SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO.9

# NOTES AND ADDENDA

## AERIAL PHOTOGRAPH INDEX

1983 (scale 1" to 4 miles)

| Roll | Line | Photo Number |
|---|---|---|
| 17 | 5025 | 156 - 165 |
| 16 | 5025 | 95 - 97 |
| 17 | 5024 | 2 - 11 |
| 20 | 5023 | 237 - 245 |
| 17 | 5022 | 73 - 81 |
| 21 | 5021 | 3 - 12 |

1951 (scale 1" to 4 miles)

| | | |
|---|---|---|
| 19 | 5028 | 24 - 32* |
| 19 | 5027 | 1 - 10* |
| 18 | 5026 | 32 - 39* |
| 18 | 5025 | 2 - 8* |
| 17 | 5024 | 43 - 51* |
| 17 | 5023 | 1 - 9* |
| 16 | 5022 | 51 - 54* |

1953 (scale 1" to 1 mile)

| | | |
|---|---|---|
| A 13875 | | 11 - 13* |
| A 13875 | | 65 - 63* |

* Photographs on file in Resident Geologist's Office, Kenora

## TOPOGRAPHIC MAPS

National Topographic System
52 L/11 Flintstone Lake Sheet (1:50,000)+

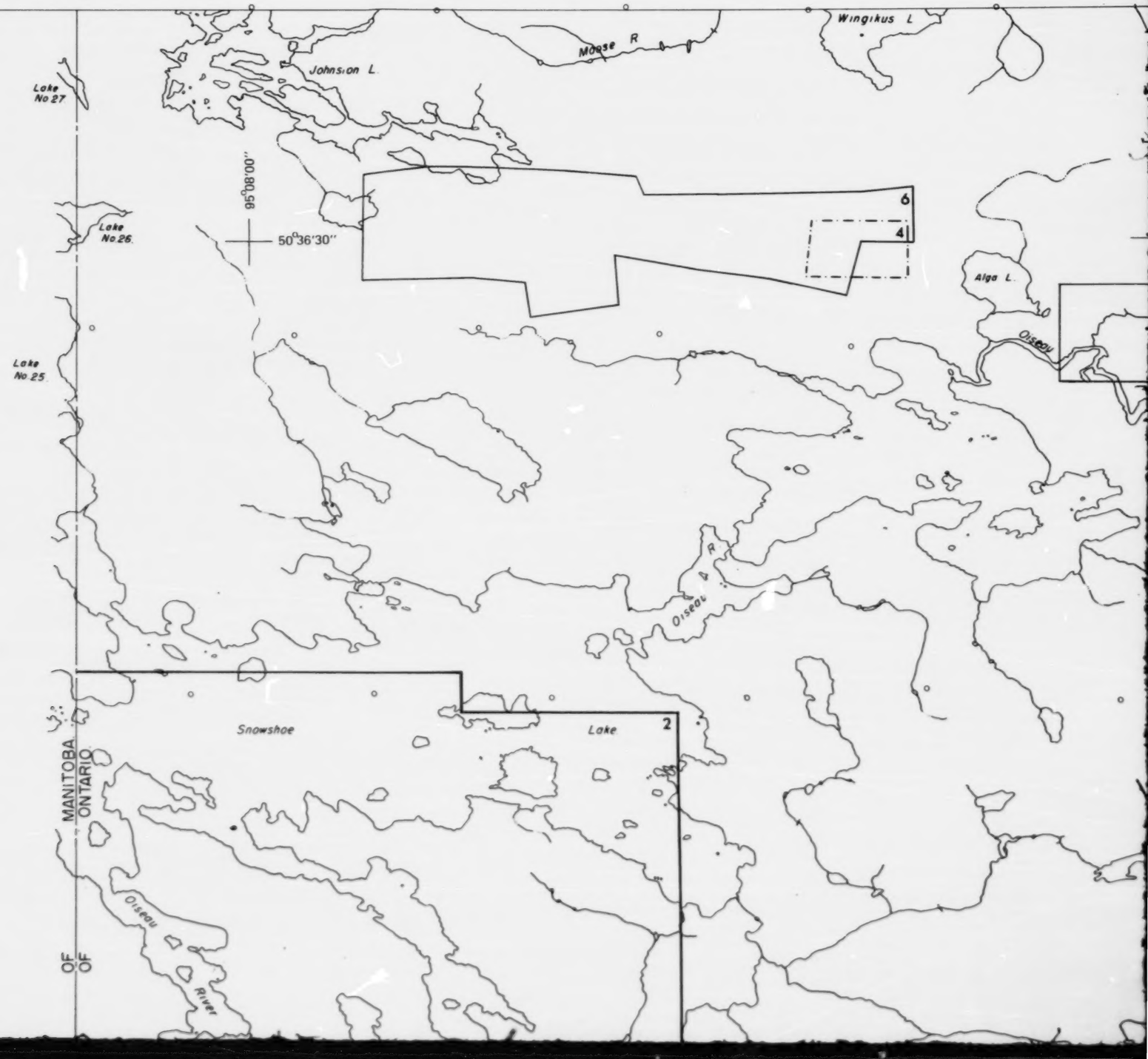
+ Published maps currently available.

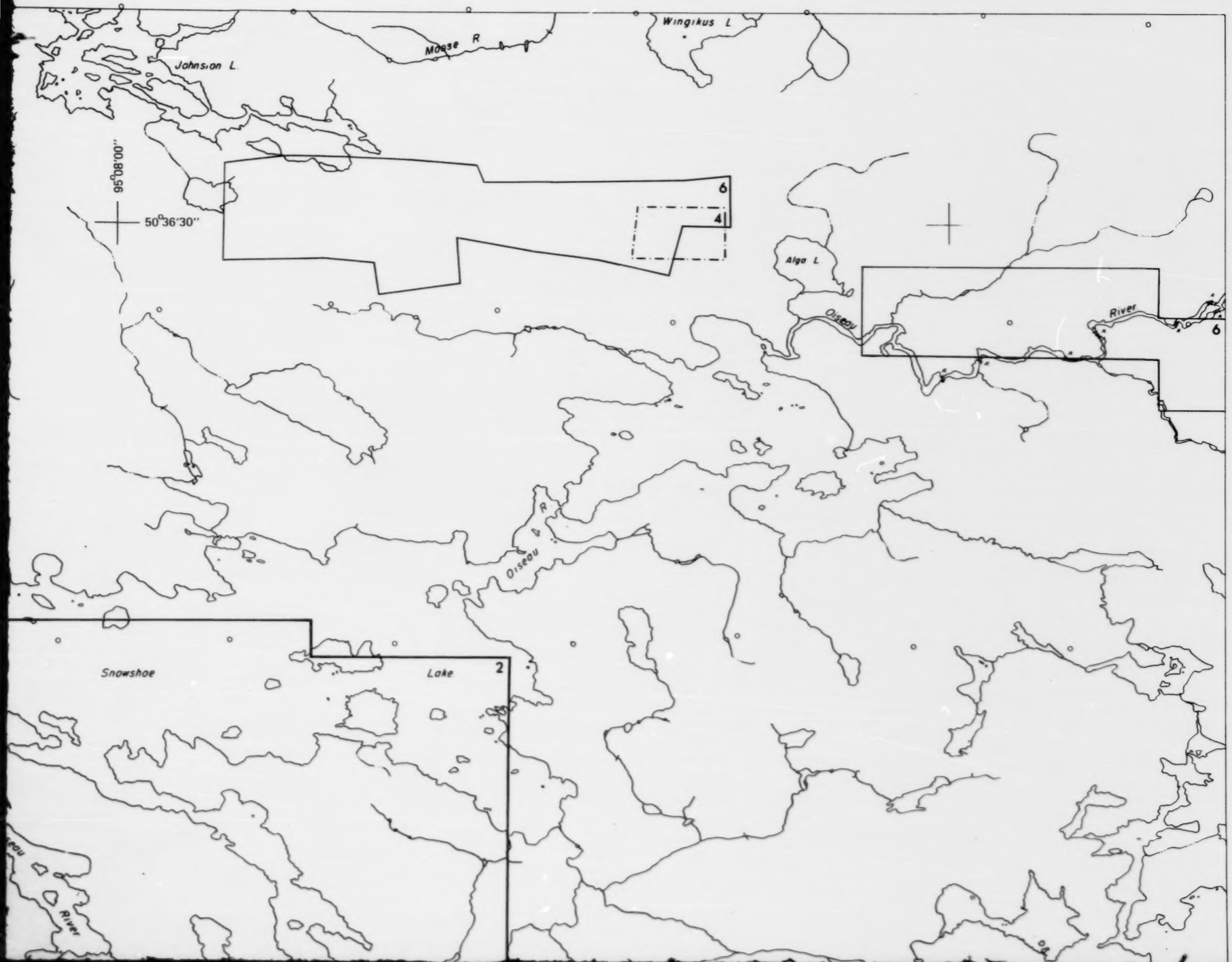
## MINERAL DEPOSITS FILE

NOTE: A deposits file is maintained at the Kenora Resident Geologist's Office, which contains the published data on the following mineral deposits:

1. Halladay, L. B. Occurrence (Snowshoe Lake)

GDIF FORM NO.10


Wingikus L
Moose R
Johnston L
Lake No 27
Lake No 26
Lake No 25
95°08'00"
50°36'30"
6
4
Alga L
Oiseau R
Snowshoe
Lake
2
MANITOBA
ONTARIO
OF
OF
Oiseau River




Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 393

(Map 1 of 2)

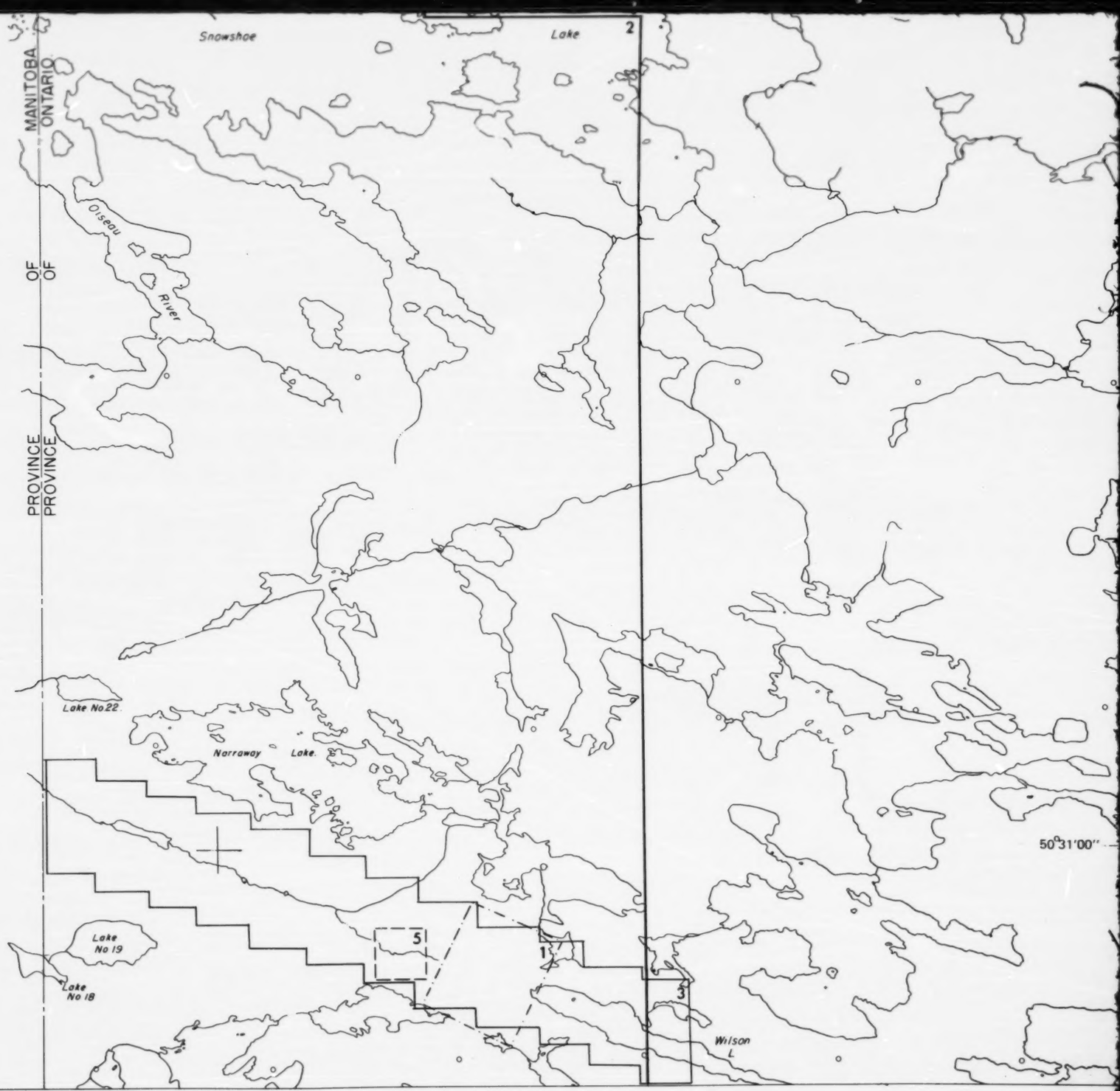
# SNOWSHOE LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile


Snowshoe
Lake
2
MANITOBA
ONTARIO
Oiseau
River
OF
OF
PROVINCE
PROVINCE
Lake No.22
Norraway
Lake.
50°31'00"
5
1
3
Lake
No 19
Lake
No 18
Wilson
L

Snowshoe Lake

Oiseau River

No.22

Narraway Lake

Lake No.19

Wilson L

Wilson L

50°31'00"

95°02'00"

1

2

3

5

6

## EXPLORATION DATA FILE AREAS

■ 1 6 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

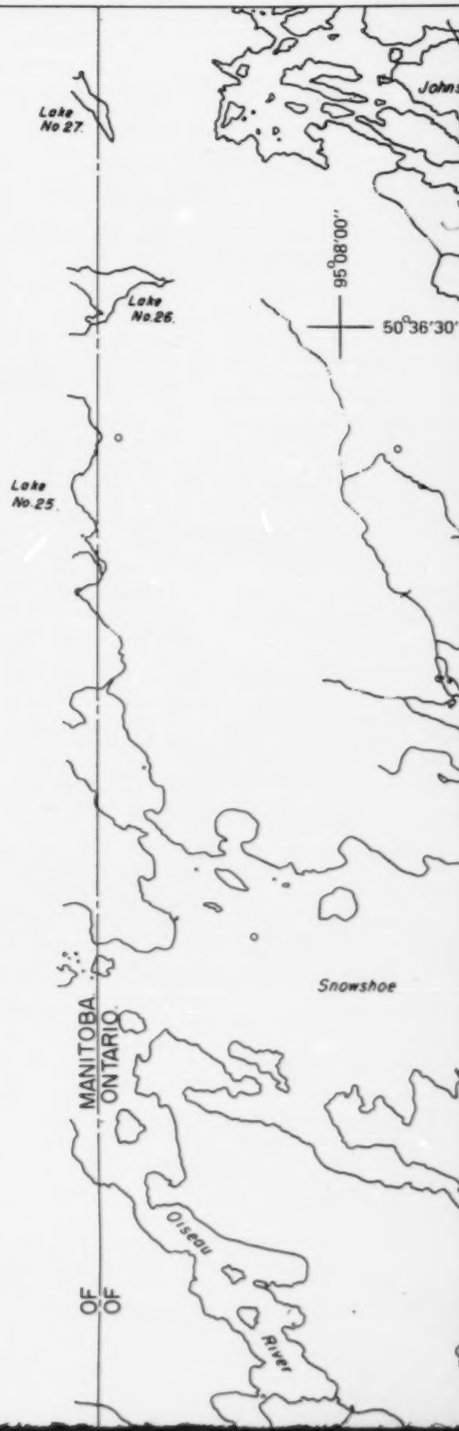
- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number

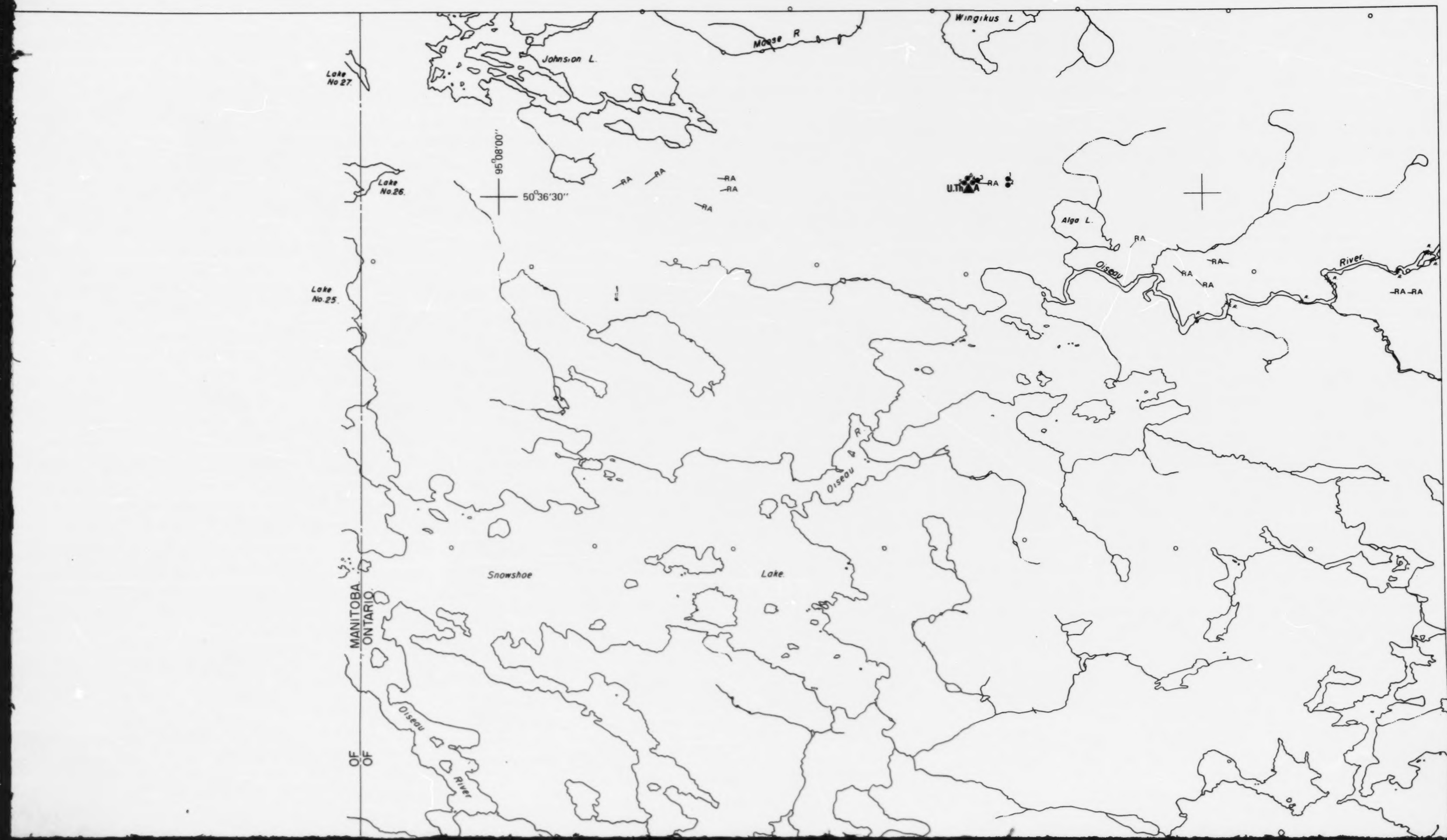
## GEOPHYSICAL ANOMALIES

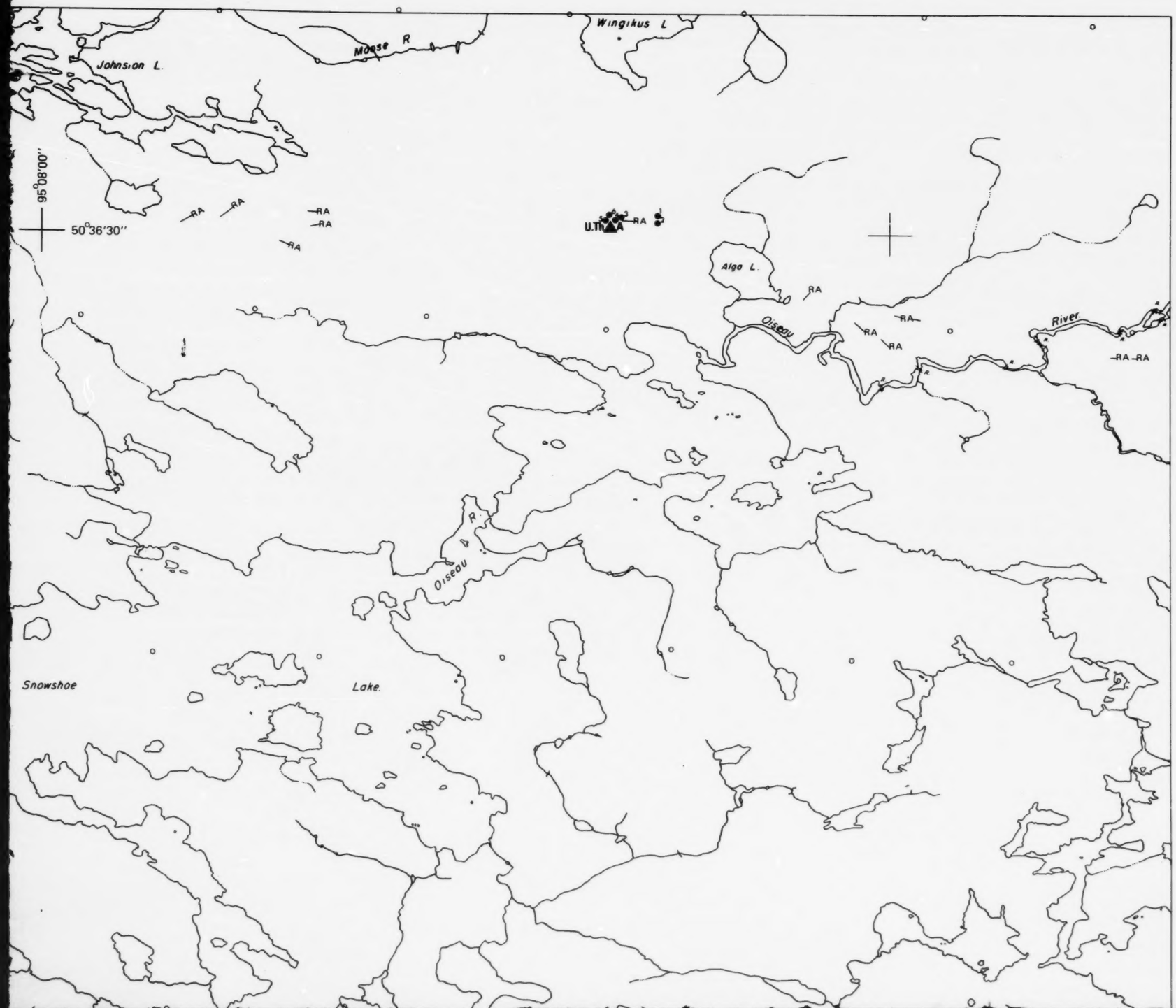
- ■ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly
  ( VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16 ;Dip Angle EM)
- ■ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ■ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly
- ■ Airborne VLF Electomagnetic Anomaly
- ■ AEM — Airborne electromagnetic anomaly.
  Conductor axis,flight lines unknown.

## MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Rock quarry
- ☐ Adit
- ☐ Sand and/or gravel pit




Wingikus L
Moose R
Johnston L.
Lake No.27
Lake No.26
Lake No.25
95°08'00"
50°36'30"
RA
U.T.M.
Algo L.
Oiseau River
Oiseau R
Snowshoe Lake
MANITOBA
ONTARIO
OF
OF
Oiseau River




Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 393

(Map 2 of 2)

# SNOWSHOE LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- ■ cp A. — Mineral occurrence at surface, with reference letter
- □ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ■ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized float with reference letter

### DRILLHOLE

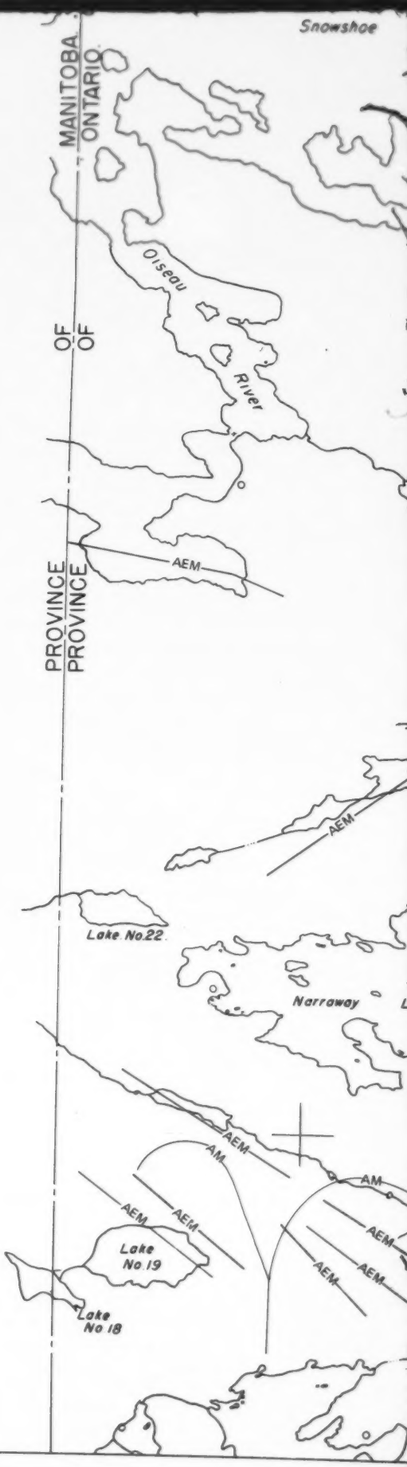
- ■ 2 — Location of single drillhole, with reference number
- □ 2 — Location of closely spaced group of drillholes, with reference number
- □ ? 2 — Drillhole, exact location uncertain, with reference number

- ☐ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly
- ■ Airborne VLF Electomagnetic Anomaly
- ■ AEM — Airborne electromagnetic anomaly. Conductor axis, flight lines unknown.

## MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



MANITOBA
ONTARIO

OF
OF

PROVINCE
PROVINCE

Oiseau River

AEM

Lake No.22.

Narraway Lake.

Lake No 19

Lake No 18

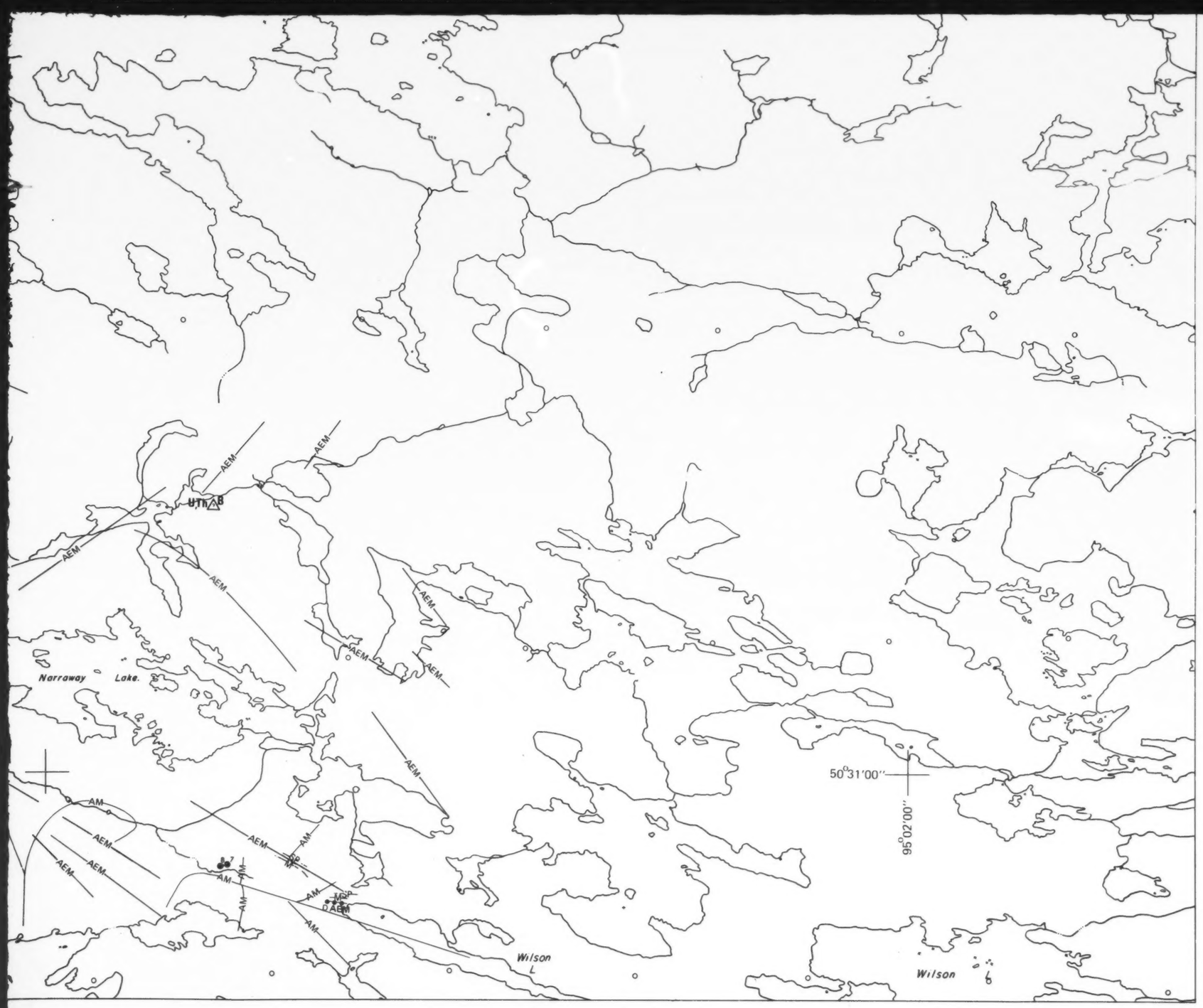
AM

Wilson L

Wilson

50°31'00"

95°02'00"




■ Ag △ A. Mineral occurrence reported but exact location uncertain, with reference letter

□ cp ▬ A. Mineralized float with reference letter

## DRILLHOLE

■ ●² Location of single drillhole, with reference number

□ ◉² Location of closely spaced group of drillholes, with reference number

□ (?)² Drillhole, exact location uncertain, with reference number

□ ◡ Property with underground drillholes in this general area, with reference number

□ ○² Property with drillholes which have not been plotted on map, with reference number

□ ⊕² Reverse circulation drillhole; churn drilling, with reference number